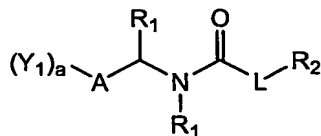


What is claimed is:

1. A compound of formula I:



I

5 wherein, independently for each occurrence,

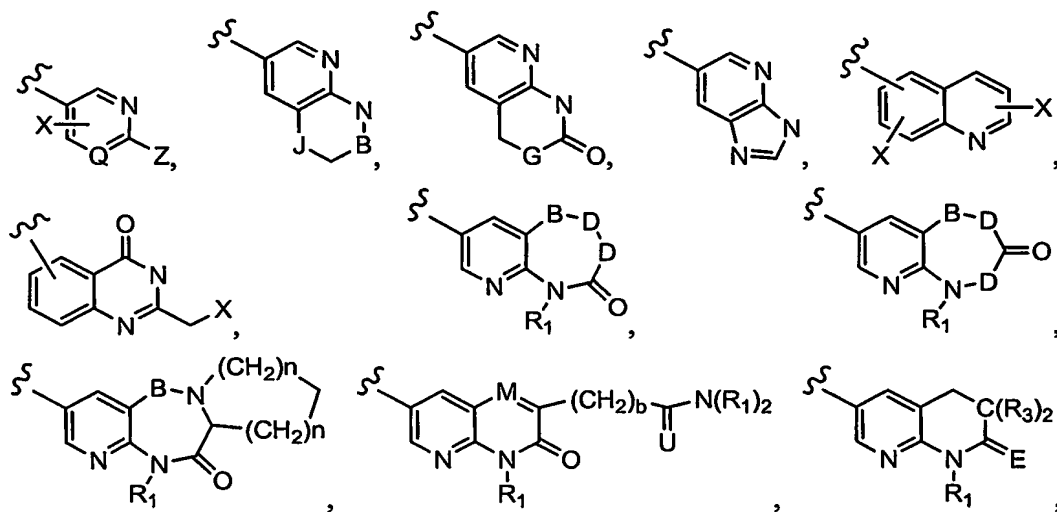
L is a bond or L is alkyl, alkenyl, or cycloalkyl which may be substituted with one or more R₁;

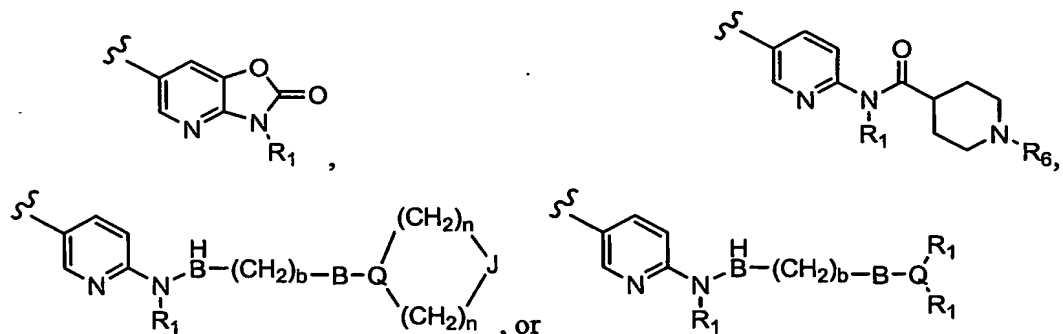
A is a bicyclic heteroaryl ring of 8-12 atoms or a tricyclic ring of 12-16 atoms, wherein the heteroaryl rings contain 1-4 heteroatoms selected from N, S, and O, and

10 wherein the heteroaryl rings are optionally substituted with one or more groups selected from C₁₋₄ alkyl, CH₂OH, OR'', SR'', CN, N(R'')₂, CH₂N(R'')₂, NO₂, CF₃, CO₂R'', CON(R'')₂, COR'', NR''C(O)R'', F, Cl, Br, I and -S(O)₂CF₃, wherein R'' is H, alkyl or alkaryl;

R₁ is, independently for each occurrence, H, alkyl, cycloalkyl, aryl, or alkaryl;

15 R₂ is





wherein, independently for each occurrence,

B is a bond, $C(R_1)_2$ or $C=O$;

E is O or S;

D is $C(R_1)_2$, NR_1 , $C=O$, $N-B-(CH_2)_b-B-Q \begin{smallmatrix} R_1 \\ R_1 \end{smallmatrix}$, or $N-B-(CH_2)_b-B-Q \begin{smallmatrix} (CH_2)_n \\ (CH_2)_n \end{smallmatrix} J$ providing that the two Ds are different;

G is O, NR_1 , $N-B-(CH_2)_b-B-Q \begin{smallmatrix} R_1 \\ R_1 \end{smallmatrix}$, or $N-B-(CH_2)_b-B-Q \begin{smallmatrix} (CH_2)_n \\ (CH_2)_n \end{smallmatrix} J$;

J is NR_1 , CH_2 , CH_2CH_2 , or O;

M is CR_1 or N;

Q is N or CH;

U is O, H_2 , or CH_2 ;

X is H, C_{1-4} alkyl, CH_2OH , OR_1 , SR_1 , CN, $N(R_1)_2$, $CH_2N(R_1)_2$, NO_2 , CF_3 , CO_2R_1 , $CON(R_1)_2$, COR_1 , $NR_1C(O)R_1$, F, Cl, Br, I, $-S(O)_rCF_3$,

$B-(CH_2)_b-B-Q \begin{smallmatrix} (CH_2)_n \\ (CH_2)_n \end{smallmatrix} J$, or $B-(CH_2)_b-B-Q \begin{smallmatrix} R_1 \\ R_1 \end{smallmatrix}$;

Z is H, C_{1-4} alkyl, $N(R_1)_2$, $NHC(O)R_1$, $NHCH_2C(O)R_1$ or $NHC(O)CH=CHR_1$;

r is 0, 1, or 2;

R_6 is $C(O)OR_1$;

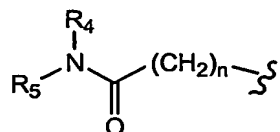
R_1 is as previously defined;

b is an integer from 0-4;

R₃ is alkyl or cycloalkyl;

a is an integer from 0-4; and

Y₁ is



5

wherein,

R₄ is a water solubilizing group;

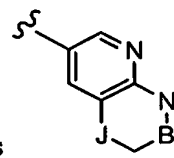
R₅ is H, alkyl, or cycloalkyl; and

n is an integer from 0 to 4;

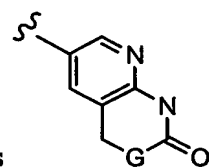
10 or a pharmaceutically acceptable salt thereof.

2. The compound of claim 1, wherein L is a C₂ alkenyl.

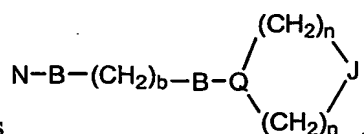
3. The compound of claim 1, wherein L is a C₂ alkenyl and R₂ is wherein B is C=O.



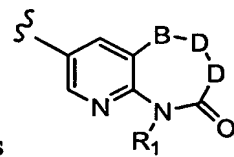
4. The compound of claim 1, wherein L is a C₂ alkenyl and R₂ is



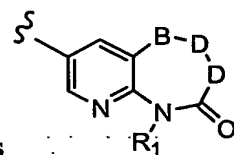
15 wherein G is



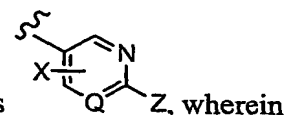
5. The compound of claim 1, wherein L is a C₂ alkenyl and R₂ is wherein R₁ is H.



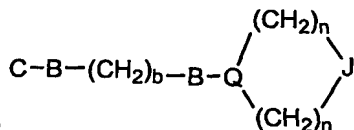
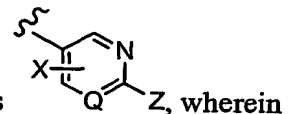
6. The compound of claim 1, wherein L is a C₂ alkenyl and R₂ is wherein R₁ is H and the D adjacent to B is NR₁.



7. The compound of claim 1, wherein L is a C₂ alkenyl and R₂ is Z is N(R₁)₂.



8. The compound of claim 1, wherein L is a C₂ alkenyl and R₂ is



Z is N(R₁)₂ and Q is

- 5 9. The compound of claim 1, wherein A is a 6 membered monocyclic aryl.
 10. The compound of claim 1, wherein A is a 10 membered bicyclic aryl.
 11. The compound of claim 1, wherein A is a 12 membered tricyclic aryl.
 12. The compound of claim 1, wherein A is an 8 membered bicyclic heteroaryl.
 13. The compound of claim 1, wherein A is a 9 membered bicyclic heteroaryl.
 10 14. The compound of claim 1, wherein A comprises at least 1 heteroatom.
 15. The compound of claim 1, wherein A comprises at least 2 heteroatoms.
 16. The compound of claim 1, wherein A comprises at least 1 nitrogen atom.
 17. The compound of claim 1, wherein A comprises at least 1 oxygen atom.
 18. The compound of claim 1, wherein A comprises at least 1 sulfur atom.
 15 19. The compound of claim 1, wherein A comprises at least 2 sulfur atoms.
 20. The compound of claim 1, wherein the compound is selected from the following:
 (*E*)-*N*-Methyl-3-(4-methyl-2-oxo-2,3,4,5-tetrahydro-1*H*-pyrido[2,3-*e*][1,4]diazepin-7-yl)-*N*-(1-propyl-naphthalen-2-ylmethyl)acrylamide hydrochloride;
 (*E*)-3-(3,3-Dimethyl-2-oxo-2,3,4,5-tetrahydro-1*H*-pyrido[2,3-*e*][1,4]diazepin-7-yl)-*N*-methyl-*N*-(3-methyl-benzo[*b*]thiophen-2-ylmethyl)acrylamide hydrochloride;
 20 (*E*)-*N*-Methyl-3-(4-methyl-2-oxo-2,3,4,5-tetrahydro-1*H*-pyrido[2,3-*e*][1,4]diazepin-7-yl)-*N*-naphthalen-2-ylmethyl-acrylamide hydrochloride;
 (*E*)-*N*-Methyl-3-(4-methyl-2-oxo-2,3,4,5-tetrahydro-1*H*-pyrido[2,3-*e*][1,4]diazepin-7-yl)-*N*-naphthalen-1-ylmethyl-acrylamide hydrochloride;
 25 (*E*)-*N*-(4-Acetylamino-benzyl)-*N*-methyl-3-(7-oxo-5,6,7,8-tetrahydro-[1,8]naphthyridin-3-yl)acrylamide;
 (*E*)-*N*-(4-Methanesulfonyl-benzyl)-*N*-methyl-3-(7-oxo-5,6,7,8-tetrahydro-[1,8]naphthyridin-3-yl)acrylamide;

- (*E*)-*N*-(2-Methoxy-naphthalen-1-ylmethyl)-*N*-methyl-3-(7-oxo-5,6,7,8-tetrahydro-[1,8]naphthyridin-3-yl)acrylamide;
- (*E*)-*N*-Methyl-*N*-(4-methyl-naphthalen-1-ylmethyl)-3-(7-oxo-5,6,7,8-tetrahydro-[1,8]naphthyridin-3-yl)acrylamide;
- 5 (*E*)-*N*-(2,3-Dimethyl-benzyl)-*N*-methyl-3-(7-oxo-5,6,7,8-tetrahydro-[1,8]naphthyridin-3-yl)acrylamide;
- (*E*)-*N*-(4-Isopropyl-benzyl)-*N*-methyl-3-(7-oxo-5,6,7,8-tetrahydro-[1,8]naphthyridin-3-yl)acrylamide;
- (*E*)-*N*-Indan-5ylmethyl-*N*-methyl-3-(7-oxo-5,6,7,8-tetrahydro-[1,8]naphthyridin-3-yl)acrylamide;
- 10 (*E*)-*N*-Indan-5ylmethyl-*N*-methyl-3-(4-methyl-2-oxo-2,3,4,5-tetrahydro-1*H*-pyrido[2,3-*e*][1,4]diazepin-7-yl)acrylamide hydrochloride;
- (*E*)-*N*-Methyl-*N*-(3-methyl-benzo[*b*]thiophen-2-ylmethyl)-3-(4-methyl-2-oxo-2,3,4,5-tetrahydro-1*H*-pyrido[2,3-*e*][1,4]diazepin-7-yl)acrylamide hydrochloride;
- 15 (*E*)-*N*-(3,5-Dimethoxy-benzyl)-*N*-methyl-3-(4-methyl-2-oxo-2,3,4,5-tetrahydro-1*H*-pyrido[2,3-*e*][1,4]diazepin-7-yl)acrylamide hydrochloride;
- (*E*)-*N*-[2-(1*H*-Indol-3-yl)-ethyl]-*N*-methyl-3-(4-methyl-2-oxo-2,3,4,5-tetrahydro-1*H*-pyrido[2,3-*e*][1,4]diazepin-7-yl)acrylamide hydrochloride;
- (*E*)-*N*-Methyl-3-(4-methyl-2-oxo-2,3,4,5-tetrahydro-1*H*-pyrido[2,3-*e*][1,4]diazepin-7-yl)-*N*-(2,4,5-trimethoxy-benzyl)acrylamide hydrochloride;
- 20 (*E*)-*N*-Methyl-3-(4-methyl-2-oxo-2,3,4,5-tetrahydro-1*H*-pyrido[2,3-*e*][1,4]diazepin-7-yl)-*N*-phenanthren-9-ylmethyl-acrylamide hydrochloride;
- (*E*)-*N*-Acenaphthen-5-ylmethyl-*N*-methyl-3-(4-methyl-2-oxo-2,3,4,5-tetrahydro-1*H*-pyrido[2,3-*e*][1,4]diazepin-7-yl)acrylamide hydrochloride;
- 25 (*E*)-*N*-(4-Methoxy-naphthalen-1-ylmethyl)-*N*-methyl-3-(4-methyl-2-oxo-2,3,4,5-tetrahydro-1*H*-pyrido[2,3-*e*][1,4]diazepin-7-yl)acrylamide hydrochloride;
- (*E*)-*N*-Benzo[1,3]dioxol-5-ylmethyl-*N*-methyl-3-(4-methyl-2-oxo-2,3,4,5-tetrahydro-1*H*-pyrido[2,3-*e*][1,4]diazepin-7-yl)acrylamide hydrochloride;
- (*E*)-*N*-(2,5-Dimethoxy-benzyl)-*N*-methyl-3-(4-methyl-2-oxo-2,3,4,5-tetrahydro-1*H*-pyrido[2,3-*e*][1,4]diazepin-7-yl)acrylamide hydrochloride;
- 30 (*E*)-*N*-Methyl-3-(4-methyl-2-oxo-2,3,4,5-tetrahydro-1*H*-pyrido[2,3-*e*][1,4]diazepin-7-yl)-*N*-quinolin-4-ylmethyl-acrylamide hydrochloride;

- (*E*)-*N*-(4-Ethoxy-3-methoxy-benzyl)-*N*-methyl-3-(4-methyl-2-oxo-2,3,4,5-tetrahydro-1*H*-pyrido[2,3-*e*][1,4]diazepin-7-yl)acrylamide hydrochloride;
- (*E*)-*N*-(2-Ethoxy-3-methoxy-benzyl)-*N*-methyl-3-(4-methyl-2-oxo-2,3,4,5-tetrahydro-1*H*-pyrido[2,3-*e*][1,4]diazepin-7-yl)acrylamide hydrochloride;
- 5 (*E*)-*N*-(3,4-Dimethyl-benzyl)-*N*-methyl-3-(4-methyl-2-oxo-2,3,4,5-tetrahydro-1*H*-pyrido[2,3-*e*][1,4]diazepin-7-yl)acrylamide hydrochloride;
- (*E*)-*N*-Methyl-3-(4-methyl-2-oxo-2,3,4,5-tetrahydro-1*H*-pyrido[2,3-*e*][1,4]diazepin-7-yl)-*N*-(2,4,6-trimethyl-benzyl)acrylamide hydrochloride;
- (*E*)-*N*-Methyl-3-(4-methyl-2-oxo-2,3,4,5-tetrahydro-1*H*-pyrido[2,3-*e*][1,4]diazepin-7-yl)-*N*-(2,4,5-trimethyl-benzyl)acrylamide hydrochloride;
- 10 (*E*)-*N*-Methyl-3-(4-methyl-2-oxo-2,3,4,5-tetrahydro-1*H*-pyrido[2,3-*e*][1,4]diazepin-7-yl)-*N*-quinolin-3-ylmethyl-acrylamide hydrochloride;
- (*E*)-*N*-(3,4-Dimethoxy-benzyl)-*N*-methyl-3-(4-methyl-2-oxo-2,3,4,5-tetrahydro-1*H*-pyrido[2,3-*e*][1,4]diazepin-7-yl)acrylamide hydrochloride;
- 15 (*E*)-*N*-Benzofuran-2-ylmethyl-*N*-methyl-3-(4-methyl-2-oxo-2,3,4,5-tetrahydro-1*H*-pyrido[2,3-*e*][1,4]diazepin-7-yl)acrylamide hydrochloride;
- (*E*)-*N*-Methyl-*N*-(2-methyl-naphthalen-1-ylmethyl)-3-(4-methyl-2-oxo-2,3,4,5-tetrahydro-1*H*-pyrido[2,3-*e*][1,4]diazepin-7-yl)acrylamide hydrochloride;
- (*E*)-*N*-Biphenyl-2-ylmethyl-methyl-*N*-methyl-3-(4-methyl-2-oxo-2,3,4,5-tetrahydro-1*H*-pyrido[2,3-*e*][1,4]diazepin-7-yl)acrylamide hydrochloride;
- 20 (*E*)-*N*-Biphenyl-3-ylmethyl-*N*-methyl-3-(4-methyl-2-oxo-2,3,4,5-tetrahydro-1*H*-pyrido[2,3-*e*][1,4]diazepin-7-yl)acrylamide hydrochloride;
- (*E*)-*N*-(2-Ethoxy-naphthalen-1-ylmethyl)-*N*-methyl-3-(4-methyl-2-oxo-2,3,4,5-tetrahydro-1*H*-pyrido[2,3-*e*][1,4]diazepin-7-yl)acrylamide hydrochloride;
- 25 (*E*)-*N*-(2-Ethoxy-benzyl)-*N*-methyl-3-(4-methyl-2-oxo-2,3,4,5-tetrahydro-1*H*-pyrido[2,3-*e*][1,4]diazepin-7-yl)acrylamide hydrochloride;
- (*E*)-*N*-Methyl-3-(4-methyl-2-oxo-2,3,4,5-tetrahydro-1*H*-pyrido[2,3-*e*][1,4]diazepin-7-yl)-*N*-(2,3,4-trimethoxy-benzyl)acrylamide hydrochloride;
- (*E*)-*N*-(2,3-Dihydro-benzo[1,4]dioxin-6ylmethyl)-*N*-methyl-3-(4-methyl-2-oxo-2,3,4,5-tetrahydro-1*H*-pyrido[2,3-*e*][1,4]diazepin-7-yl)acrylamide hydrochloride;
- 30 (*E*)-*N*-(2,3-Diethoxy-benzyl)-*N*-methyl-3-(4-methyl-2-oxo-2,3,4,5-tetrahydro-1*H*-pyrido[2,3-*e*][1,4]diazepin-7-yl)acrylamide hydrochloride;

- (*E*)-*N*-(3-Ethoxy-2-methoxy-benzyl)-*N*-methyl-3-(4-methyl-2-oxo-2,3,4,5-tetrahydro-1*H*-pyrido[2,3-*e*][1,4]diazepin-7-yl)acrylamide hydrochloride;
- (*E*)-*N*-(2-Ethoxy-3-methyl-benzyl)-*N*-methyl-3-(4-methyl-2-oxo-2,3,4,5-tetrahydro-1*H*-pyrido[2,3-*e*][1,4]diazepin-7-yl)acrylamide hydrochloride;
- 5 (*E*)-*N*-methyl-3-(4-methyl-2-oxo-2,3,4,5-tetrahydro-1*H*-pyrido[2,3-*e*][1,4]diazepin-7-yl)-*N*-quinolin-5-ylmethyl-acrylamide hydrochloride;
- (*E*)-*N*-(3-Methoxy-2-propoxy-benzyl)-*N*-methyl-3-(4-methyl-2-oxo-2,3,4,5-tetrahydro-1*H*-pyrido[2,3-*e*][1,4]diazepin-7-yl)acrylamide hydrochloride;
- (*E*)-*N*-(3-Methoxy-2-isopropoxy-benzyl)-*N*-methyl-3-(4-methyl-2-oxo-2,3,4,5-tetrahydro-1*H*-pyrido[2,3-*e*][1,4]diazepin-7-yl)acrylamide hydrochloride;
- 10 (*E*)-*N*-methyl-*N*-(3-methyl-benzofuran-2-ylmethyl)-3-(4-methyl-2-oxo-2,3,4,5-tetrahydro-1*H*-pyrido[2,3-*e*][1,4]diazepin-7-yl)acrylamide hydrochloride;
- (*E*)-*N*-(3-Chloro-2-methoxy-benzyl)-*N*-methyl-3-(4-methyl-2-oxo-2,3,4,5-tetrahydro-1*H*-pyrido[2,3-*e*][1,4]diazepin-7-yl)acrylamide hydrochloride;
- 15 (*E*)-*N*-(3-Chloro-2-ethoxy-benzyl)-*N*-methyl-3-(4-methyl-2-oxo-2,3,4,5-tetrahydro-1*H*-pyrido[2,3-*e*][1,4]diazepin-7-yl)acrylamide hydrochloride;
- (*E*)-*N*-(2,3-Dihydro-benzo[1,4]dioxin-5-ylmethyl)-*N*-methyl-3-(4-methyl-2-oxo-2,3,4,5-tetrahydro-1*H*-pyrido[2,3-*e*][1,4]diazepin-7-yl)acrylamide hydrochloride;
- (*E*)-*N*-(4,5-Dimethyl-naphthalen-1-ylmethyl)-*N*-methyl-3-(4-methyl-2-oxo-2,3,4,5-tetrahydro-1*H*-pyrido[2,3-*e*][1,4]diazepin-7-yl)acrylamide hydrochloride;
- 20 (*E*)-*N*-Methyl-*N*-(2-methyl-benzofuran-3-ylmethyl)-3-(4-methyl-2-oxo-2,3,4,5-tetrahydro-1*H*-pyrido[2,3-*e*][1,4]diazepin-7-yl)acrylamide hydrochloride;
- (*E*)-*N*-Methyl-3-(7-oxo-5,6,7,8-tetrahydro-[1,8]naphthyridin-3-yl)-*N*-quinolin-5-ylmethyl-acrylamide hydrochloride;
- 25 (*E*)-*N*-benzyl-*N*-methyl-3-(7-oxo-5,6,7,8-tetrahydro-[1,8]naphthyridin-3-yl)acrylamide;
- (*E*)-*N*-methyl-*N*-(1-methyl-1*H*-indol-2-ylmethyl)-3-(4-methyl-2-oxo-2,3,4,5-tetrahydro-1*H*-pyrido[2,3-*e*][1,4]diazepin-7-yl)acrylamide hydrochloride;
- (*E*)-{2-[Methyl-(1-methyl-1*H*-indol-2-ylmethyl)carbonyl]vinyl}-2-oxo-1,2,3,5-tetrahydro-pyrido[2,3-*e*][1,4]diazepin-4-yl)acetic acid ethyl ester hydrochloride;
- 30 (*E*)-*N*-(2,3-Dimethoxy-benzyl)-*N*-methyl-3-(4-methyl-2-oxo-2,3,4,5-tetrahydro-1*H*-pyrido[2,3-*e*][1,4]diazepin-7-yl)acrylamide hydrochloride;

- (*E*)-*N*-Methyl-*N*-(4-methyl-naphthalen-1-ylmethyl)-3-(4-methyl-2-oxo-2,3,4,5-tetrahydro-1*H*-pyrido[2,3-*e*][1,4]diazepin-7-yl)acrylamide hydrochloride;
- (*E*)-*N*-(2-Methoxy-naphthalen-1-ylmethyl)-*N*-methyl-3-(4-methyl-2-oxo-2,3,4,5-tetrahydro-1*H*-pyrido[2,3-*e*][1,4]diazepin-7-yl)acrylamide hydrochloride;
- 5 I-(+)-(*E*)-*N*-Methyl-3-(4-methyl-2-oxo-2,3,4,5-tetrahydro-1*H*-pyrido[2,3-*e*][1,4]diazepin-7-yl)-*N*-(1-naphthalen-1-yl-ethyl)acrylamide hydrochloride;
- (*S*)-(-)-(*E*)-*N*-Methyl-3-(4-methyl-2-oxo-2,3,4,5-tetrahydro-1*H*-pyrido[2,3-*e*][1,4]diazepin-7-yl)-*N*-(1-naphthalen-1-yl-ethyl)acrylamide hydrochloride;
- (*E*)-*N*-Benzo[*b*]thiophen-2-ylmethyl-*N*-methyl-3-(4-methyl-2-oxo-2,3,4,5-tetrahydro-1*H*-pyrido[2,3-*e*][1,4]diazepin-7-yl)acrylamide hydrochloride;
- 10 (*E*)-*N*-methyl-3-(4-methyl-2-oxo-2,3,4,5-tetrahydro-1*H*-pyrido[2,3-*e*][1,4]diazepin-7-yl)-*N*-(3-trifluoromethyl-benzyl)acrylamide hydrochloride;
- (*E*)-*N*-(2-Chloro-benzyl)-*N*-methyl-3-(4-methyl-2-oxo-2,3,4,5-tetrahydro-1*H*-pyrido[2,3-*e*][1,4]diazepin-7-yl)acrylamide hydrochloride;
- 15 (*E*)-*N*-Methyl-*N*-(4-methyl-benzyl)-3-(4-methyl-2-oxo-2,3,4,5-tetrahydro-1*H*-pyrido[2,3-*e*][1,4]diazepin-7-yl)acrylamide hydrochloride;
- (*R*)-(-)-(*E*)-*N*-Methyl-*N*-(1-methyl-1*H*-indol-2-ylmethyl)-3-(10-oxo-2,3,4,9,10,10^a-hexahydro-1*H*-3^a,8,9-triaza-benzo[*f*]azulen-6-yl)acrylamide hydrochloride;
- (*S*)-(+)-(*E*)-*N*-Methyl-*N*-(1-methyl-1*H*-indol-2-ylmethyl)-3-(10-oxo-2,3,4,9,10,10^a-hexahydro-1*H*-3^a,8,9-triaza-benzo[*f*]azulen-6-yl)acrylamide hydrochloride;
- 20 (*E*)-3-[4-(4-Methoxy-benzyl)-2-oxo-2,3,4,5-tetrahydro-1*H*-pyrido[2,3-*e*][1,4]diazepin-7-yl]-*N*-methyl-*N*-(1-methyl-1*H*-indol-2-ylmethyl)acrylamide hydrochloride;
- (*E*)-*N*-Methyl-*N*-(1-methyl-1*H*-indol-2-ylmethyl)-3-(2-oxo-2,3,4,5-tetrahydro-1*H*-pyrido[2,3-*e*][1,4]diazepin-7-yl)acrylamide hydrochloride;
- 25 (*E*)-*N*-Methyl-*N*-(3-methyl-benzo[*b*]thiophen-2-ylmethyl)-3-[4-(2-morpholin-4-yl-ethyl)-2-oxo-2,3,4,5-tetrahydro-1*H*-pyrido[2,3-*e*][1,4]diazepin-7-yl]acrylamide hydrochloride;
- (*E*)-*N*-Methyl-*N*-(3-methyl-benzo[*b*]thiophen-2-ylmethyl)-3-{4-[2-(4-methyl-piperazin-1-yl)-2-oxo-ethyl]-2-oxo-2,3,4,5-tetrahydro-1*H*-pyrido[2,3-*e*][1,4]diazepin-7-yl}acrylamide hydrochloride;
- 30

- (*E*)-*N*-Methyl-*N*-(3-methyl-benzo[*b*]thiophen-2-ylmethyl)-3-[4-(3-morpholin-4-yl-propyl)-2-oxo-2,3,4,5-tetrahydro-1*H*-pyrido[2,3-*e*][1,4]diazepin-7-yl]acrylamide hydrochloride;
- 5 (*E*)-*N*-(2-Ethoxy-3-methoxy-benzyl)-*N*-methyl-3-{4-[2-(4-methyl-piperazin-1-yl)-2-oxo-ethyl]-2-oxo-2,3,4,5-tetrahydro-1*H*-pyrido[2,3-*e*][1,4]diazepin-7-yl}acrylamide hydrochloride;
- (*S*)-(+)-(*E*)-*N*-Methyl-*N*-(3-methyl-benzo[*b*]thiophen-2-ylmethyl)-3-(10-oxo-2,3,4,9,10,10^a-hexahydro-1*H*-3^a,8,9-triaza-benzo[*f*]azulen-6-yl)acrylamide hydrochloride;
- 10 (*R*)-(-)-(*E*)-*N*-Methyl-*N*-(3-methyl-benzo[*b*]thiophen-2-ylmethyl)-3-(10-oxo-2,3,4,9,10,10^a-hexahydro-1*H*-3^a,8,9-triaza-benzo[*f*]azulen-6-yl)acrylamide hydrochloride;
- (*E*)-*N*-(4-Fluoro-naphthalen-1-ylmethyl)-*N*-methyl-3-(4-methyl-2-oxo-2,3,4,5-tetrahydro-1*H*-pyrido[2,3-*e*][1,4]diazepin-7-yl)acrylamide hydrochloride;
- 15 (*E*)-*N*-(4-Chloro-naphthalen-1-ylmethyl)-*N*-methyl-3-(4-methyl-2-oxo-2,3,4,5-tetrahydro-1*H*-pyrido[2,3-*e*][1,4]diazepin-7-yl)acrylamide hydrochloride;
- (*E*)-*N*-Methyl-*N*-(3-methyl-benzofuran-2-ylmethyl)-3-[4-(3-morpholin-4-yl-propyl)-2-oxo-2,3,4,5-tetrahydro-1*H*-pyrido[2,3-*e*][1,4]diazepin-7-yl]acrylamide hydrochloride;
- 20 (*E*)-*N*-(2-Isopropoxy-3-methoxy-benzyl)-*N*-methyl-3-[4-(3-morpholin-4-yl-propyl)-2-oxo-2,3,4,5-tetrahydro-1*H*-pyrido[2,3-*e*][1,4]diazepin-7-yl]acrylamide hydrochloride;
- (*E*)-*N*-Methyl-*N*-(3-methyl-benzo[*b*]thiophen-2-ylmethyl)-3-{4-[3-(4-methyl-piperazin-1-yl)propyl]-2-oxo-2,3,4,5-tetrahydro-1*H*-pyrido[2,3-*e*][1,4]diazepin-7-yl}acrylamide hydrochloride;
- 25 (*E*)-*N*-Methyl-*N*-(2-methyl-benzofuran-3-ylmethyl)-3-[4-(3-morpholin-4-yl-propyl)-2-oxo-2,3,4,5-tetrahydro-1*H*-pyrido[2,3-*e*][1,4]diazepin-7-yl]acrylamide hydrochloride;
- (*E*)-*N*-(3-Chloro-benzo[*b*]thiophen-2-ylmethyl)-*N*-methyl-3-(4-methyl-2-oxo-2,3,4,5-tetrahydro-1*H*-pyrido[2,3-*e*][1,4]diazepin-7-yl)acrylamide hydrochloride;
- 30 (*E*)-*N*-(5-Chloro-1-methyl-1*H*-indol-2-ylmethyl)-*N*-methyl-3-(4-methyl-2-oxo-2,3,4,5-tetrahydro-1*H*-pyrido[2,3-*e*][1,4]diazepin-7-yl)acrylamide hydrochloride;

- (*E*)-*N*-(1,7-Dimethyl-1*H*-indol-2-ylmethyl)-*N*-methyl-3-(4-methyl-2-oxo-2,3,4,5-tetrahydro-1*H*-pyrido[2,3-*e*][1,4]diazepin-7-yl)acrylamide hydrochloride;
- (*E*)-*N*-(5-Fluoro-3-methyl-benzo[*b*]thiophen-2-ylmethyl)-*N*-methyl-3-(4-methyl-2-oxo-2,3,4,5-tetrahydro-1*H*-pyrido[2,3-*e*][1,4]diazepin-7-yl)acrylamide hydrochloride;
- (*E*)-*N*-(5-Chloro-3-methyl-benzo[*b*]thiophen-2-ylmethyl)-*N*-methyl-3-(4-methyl-2-oxo-2,3,4,5-tetrahydro-1*H*-pyrido[2,3-*e*][1,4]diazepin-7-yl)acrylamide hydrochloride;
- (*E*)-3-(6-Amino-5-morpholin-4-ylmethyl-pyridin-3-yl)-*N*-(1,7-dimethyl-1*H*-indol-2-ylmethyl)-*N*-methyl-acrylamide hydrochloride;
- (*E*)-3-(6-Amino-5-morpholin-4-ylmethyl-pyridin-3-yl)-*N*-(2-ethoxy-3-methoxy-benzyl)-*N*-methyl-acrylamide hydrochloride;
- (*E*)-*N*-Methyl-*N*-(1-methyl-1*H*-indol-3-ylmethyl)-3-(4-methyl-2-oxo-2,3,4,5-tetrahydro-1*H*-pyrido[2,3-*e*][1,4]diazepin-7-yl)acrylamide;
- (*E*)-7-{2-[Methyl-(1-methyl-1*H*-indol-3-ylmethyl)-carbamoyl]-vinyl}-2-oxo-1,2,3,5-tetrahydro-pyrido[2,3-*e*][1,4]diazepine-4-carboxylic acid benzyl ester;
- (*E*)-3-(2,4-Dioxo-1,2,3,4-tetrahydro-pyrido[2,3-*d*]pyrimidin-6-yl)-*N*-methyl-*N*-(1-methyl-1*H*-indol-3-ylmethyl)acrylamide;
- (*E*)-*N*-Methyl-*N*-(1-methyl-1*H*-indol-2-ylmethyl)-3-(2-oxo-2,3-dihydro-oxazolo[4,5-*b*]pyridin-6-yl)acrylamide;
- (*E*)-*N*-Methyl-*N*-(1-methyl-1*H*-indol-3-ylmethyl)-3-(2-oxo-2,3-dihydro-oxazolo[4,5-*b*]pyridin-6-yl)acrylamide;
- (*E*)-3-(6-Amino-5-{2-[methyl-(1-methyl-1*H*-indol-2-ylmethyl)carbamoyl]ethyl}pyridin-3-yl)-*N*-methyl-*N*-(1-methyl-1*H*-indol-2-ylmethyl)acrylamide;
- (*E*)-3-(6-Amino-5-piperidin-1-ylmethyl-pyridin-3-yl)-*N*-methyl-*N*-(1-methyl-1*H*-indol-2-ylmethyl)acrylamide;
- (*E*)-3-(6-Amino-5-pyrrolidin-1-ylmethyl-pyridin-3-yl)-*N*-methyl-*N*-(1-methyl-1*H*-indol-2-ylmethyl)acrylamide hydrochloride;
- (*E*)-3-[6-Amino-5-(4-methyl-piperazin-1-ylmethyl)pyridin-3-yl]-*N*-methyl-*N*-(1-methyl-1*H*-indol-2-ylmethyl)acrylamide hydrochloride;
- (*E*)-3-[6-Amino-5-(4-benzyl-piperidin-1-ylmethyl)pyridin-3-yl]-*N*-methyl-*N*-(1-methyl-1*H*-indol-2-ylmethyl)acrylamide hydrochloride;

- (*E*)-3-(6-Amino-5-pyrrolidin-1-ylmethyl-pyridin-3-yl)-*N*-methyl-*N*-naphthalen-2-ylmethyl-acrylamide hydrochloride;
- (*E*)-3-[6-Amino-5-(4-methyl-piperazin-1-ylmethyl)pyridin-3-yl]-*N*-methyl-*N*-(3-methyl-benzo[*b*]thiophen-2-ylmethyl)acrylamide hydrochloride;
- 5 (*E*)-3-(6-Amino-5-morpholin-4-ylmethyl-pyridin-3-yl)-*N*-methyl-*N*-(4-methyl-naphthalen-1-ylmethyl)acrylamide hydrochloride;
- (*E*)-3-(6-Amino-5-morpholin-4-ylmethyl-pyridin-3-yl)-*N*-methyl-*N*-(3-methyl-benzo[*b*]thiophen-2-ylmethyl)acrylamide hydrochloride;
- (*E*)-3-(6-Amino-5-morpholin-4-ylmethyl-pyridin-3-yl)-*N*-(3,4-dimethyl-thieno[2,3-
10 *b*]thiophen-2-ylmethyl)-*N*-methyl-acrylamide hydrochloride;
- (*E*)-3-[6-Amino-5-(4-methyl-piperazin-1-ylmethyl)pyridin-3-yl]-*N*-(2-ethoxy-3-methoxy-benzyl)-*N*-methyl-acrylamide hydrochloride;
- (*E*)-3-[6-Amino-5-(4-methyl-piperazin-1-ylmethyl)pyridin-3-yl]-*N*-methyl-*N*-(4-methyl-naphthalen-1-ylmethyl)acrylamide hydrochloride;
- 15 (*E*)-3-[6-Amino-5-(4-methyl-piperazin-1-ylmethyl)pyridin-3-yl]-*N*-benzofuran-2-ylmethyl-*N*-methyl-acrylamide hydrochloride;
- (*E*)-3-[6-Amino-5-(4-methyl-piperazin-1-ylmethyl)pyridin-3-yl]-*N*-(3-methoxy-2-propoxy-benzyl)-*N*-methyl-acrylamide hydrochloride;
- (*E*)-3-[6-Amino-5-(4-methyl-piperazin-1-ylmethyl)pyridin-3-yl]-*N*-(2-ethoxy-3-
20 methyl-benzyl)-*N*-methyl-acrylamide hydrochloride;
- (*E*)-*N*-(3-Methoxy-2-propoxy-benzyl)-*N*-methyl-3-(7-oxo-5,6,7,8-tetrahydro-[1,8]naphthyridin-3-yl)acrylamide hydrochloride;
- (*E*)-*N*-(2-Isopropoxy-3-methoxy-benzyl)-*N*-methyl-3-(7-oxo-5,6,7,8-tetrahydro-[1,8]naphthyridin-3-yl)acrylamide hydrochloride;
- 25 (*E*)-*N*-(2-Ethoxy-3-methoxy-benzyl)-*N*-methyl-3-(7-oxo-5,6,7,8-tetrahydro-[1,8]naphthyridin-3-yl)acrylamide hydrochloride;
- (*E*)-3-[6-(2,5-Dioxo-pyrrolidin-1-yl)pyridin-3-yl]-*N*-methyl-*N*-(1-methyl-1*H*-indol-2-ylmethyl)acrylamide;
- (*E*)-*N*-(5-{2-[Methyl-(1-methyl-1*H*-indol-2-ylmethyl)carbamoyl]vinyl}pyridin-2-
30 yl)succinamide;
- (*E*)-*N*-(5-{2-[Methyl-(1-methyl-1*H*-indol-2-ylmethyl)carbamoyl]vinyl}pyridin-2-yl)-4-(4-methyl-piperazin-1-yl)-4-oxo-butylamide;

- (*E*)-*N*-(5-{2-[Methyl-(1-methyl-1*H*-indol-2-ylmethyl)carbamoyl]vinyl}pyridin-2-yl)-4-morpholin-4-yl-4-oxo-butylamide;
- (*E*)-1-Methyl-piperidine-4-carboxylic acid (5-{2-[methyl-(1-methyl-1*H*-indol-2-ylmethyl)carbamoyl]vinyl}pyridin-2-yl)amide;
- 5 (*E*)-*N*-Methyl-*N*-(1-methyl-1*H*-indol-2-ylmethyl)-3-[6-(2-pyridin-4-yl-acetylamino)pyridin-3-yl]acrylamide;
- (*E*)-1-Acetyl-piperidine-4-carboxylic acid (5-{2-[methyl-(1-methyl-1*H*-indol-2-ylmethyl)carbamoyl]vinyl}pyridin-2-yl)amide;
- (*E*)-3-(6-Amino-pyridin-3-yl)-*N*-(2,3-dimethoxy-benzyl)-*N*-methyl-acrylamide;
- 10 (*E*)-*N*-(4-Acetylamino-benzyl)-3-(6-amino-pyridin-3-yl)-*N*-methyl-acrylamide;
- (*E*)-3-[3-(2-Dimethylamino-ethyl)-2-oxo-1,2,3,4-tetrahydro-pyrido[2,3-*d*]pyrimidin-6-yl]-*N*-methyl-*N*-(1-methyl-1*H*-indol-2-ylmethyl)acrylamide;
- (*E*)-*N*-Methyl-*N*-(1-methyl-1*H*-indol-2-ylmethyl)-3-[3-(2-morpholin-4-yl-ethyl)-2-oxo-1,2,3,4-tetrahydro-pyrido[2,3-*d*]pyrimidin-6-yl]acrylamide hydrochloride;
- 15 (*E*)-*N*-Methyl-*N*-(4-methyl-naphthalen-1-ylmethyl)-3-[3-(2-morpholin-4-yl-ethyl)-2-oxo-1,2,3,4-tetrahydro-pyrido[2,3-*d*]pyrimidin-6-yl]acrylamide hydrochloride;
- (*E*)-*N*-Acenaphthen-5-ylmethyl-*N*-methyl-3-[3-(2-morpholin-4-yl-ethyl)-2-oxo-1,2,3,4-tetrahydro-pyrido[2,3-*d*]pyrimidin-6-yl]acrylamide hydrochloride;
- (*E*)-*N*-(2-Ethoxy-3-methoxy-benzyl)-*N*-methyl-3-[3-(2-morpholin-4-yl-ethyl)-2-oxo-1,2,3,4-tetrahydro-pyrido[2,3-*d*]pyrimidin-6-yl]acrylamide hydrochloride;
- 20 (*E*)-*N*-Methyl-*N*-(3-methyl-benzo[*b*]thiophen-2-ylmethyl)-3-[3-(2-morpholin-4-yl-ethyl)-2-oxo-1,2,3,4-tetrahydro-pyrido[2,3-*d*]pyrimidin-6-yl]acrylamide hydrochloride;
- (*E*)-(6-{2-[Methyl-(1-methyl-1*H*-indol-2-ylmethyl)carbamoyl]vinyl}-2-oxo-1,4-dihydro-2*H*-pyrido[2,3-*d*]pyrimidin-3-yl)acetic acid;
- 25 Sodium (*E*)-(6-{2-[methyl-(1-methyl-1*H*-indol-2-ylmethyl)carbamoyl]vinyl}-2-oxo-1,4-dihydro-2*H*-pyrido[2,3-*d*]pyrimidin-3-yl)acetate;
- Sodium (*E*)-(6-{2-[methyl-(3-methyl-benzo[*b*]thiophen-2-ylmethyl)carbamoyl]vinyl}-2-oxo-1,4-dihydro-2*H*-pyrido[2,3-*d*]pyrimidin-3-yl)acetate;
- 30 (*E*)-*N*-Methyl-*N*-(1-methyl-1*H*-indol-2-ylmethyl)-3-{3-[2-(4-methyl-piperazin-1-yl)-2-oxo-ethyl]-2-oxo-1,2,3,4-tetrahydro-pyrido[2,3-*d*]pyrimidin-6-yl}acrylamide hydrochloride;

- (*E*)-*N*-Methyl-*N*-(3-methyl-benzo[*b*]thiophen-2-ylmethyl)-3-{3-[2-(4-methyl-piperazin-1-yl)-2-oxo-ethyl]-2-oxo-1,2,3,4-tetrahydro-pyrido[2,3-*d*]pyrimidin-6-yl}acrylamide hydrochloride;
- 5 (*E*)-*N*-Methyl-*N*-(3-methyl-benzo[*b*]thiophen-2-ylmethyl)-3-{3-[2-(4-methyl-piperazin-1-yl)-2-oxo-ethyl]-2-oxo-1,2,3,4-tetrahydro-pyrido[2,3-*d*]pyrimidin-6-yl}acrylamide hydrochloride;
- (*E*)-2-Amino-5-{2-[methyl-(1-methyl-1*H*-indol-2-ylmethyl)carbamoyl]vinyl}-*N*-(2-morpholin-4-yl-ethyl)nicotinamide hydrochloride;
- 10 (*E*)-*N*-(3-Methyl-benzo[*b*]thiophen-2-ylmethyl)-3-[3-(3-morpholin-4-yl-propyl)-2-oxo-1,2,3,4-tetrahydro-pyrido[2,3-*d*]pyrimidin-6-yl]acrylamide hydrochloride;
- (*E*)-*N*-(2-Ethoxy-3-methoxy-benzyl)-*N*-methyl-3-[3-(3-morpholin-4-yl-propyl)-2-oxo-1,2,3,4-tetrahydro-pyrido[2,3-*d*]pyrimidin-6-yl]acrylamide hydrochloride;
- (*E*)-*N*-(5-{2-[Methyl-(3-methyl-benzo[*b*]thiophen-2-ylmethyl)carbamoyl]vinyl}pyridin-2-yl)-4-(4-methyl-piperazin-1-yl)-4-oxo-
- 15 butyramide;
- (*E*)-*N*-(2,3-Diethoxy-benzyl)-*N*-methyl-3-[3-(2-morpholin-4-yl-ethyl)-2-oxo-1,2,3,4-tetrahydro-pyrido[2,3-*d*]pyrimidin-6-yl]acrylamide hydrochloride;
- (*E*)-*N*-(2-Isopropoxy-3-methoxy-benzyl)-*N*-methyl-3-[3-(2-morpholin-4-yl-ethyl)-2-oxo-1,2,3,4-tetrahydro-pyrido[2,3-*d*]pyrimidin-6-yl]acrylamide hydrochloride;
- 20 (*E*)-*N*-(3-Methoxy-2-propoxy-benzyl)-*N*-methyl-3-[3-(2-morpholin-4-yl-ethyl)-2-oxo-1,2,3,4-tetrahydro-pyrido[2,3-*d*]pyrimidin-6-yl]acrylamide hydrochloride;
- (*E*)-*N*-Methyl-*N*-(3-methyl-benzofuran-2-ylmethyl)-3-[3-(2-morpholin-4-yl-ethyl)-2-oxo-1,2,3,4-tetrahydro-pyrido[2,3-*d*]pyrimidin-6-yl]acrylamide hydrochloride;
- (*E*)-*N*-Methyl-*N*-(2-methyl-benzofuran-3-ylmethyl)-3-[3-(2-morpholin-4-yl-ethyl)-2-oxo-1,2,3,4-tetrahydro-pyrido[2,3-*d*]pyrimidin-6-yl]acrylamide hydrochloride;
- 25 (*E*)-*N*-(3-Chloro-2-ethoxy-benzyl)-*N*-methyl-3-[3-(2-morpholin-4-yl-ethyl)-2-oxo-1,2,3,4-tetrahydro-pyrido[2,3-*d*]pyrimidin-6-yl]acrylamide hydrochloride;
- (*E*)-*N*-(4-Fluoro-naphthalen-1-ylmethyl)-*N*-methyl-3-[3-(2-morpholin-4-yl-ethyl)-2-oxo-1,2,3,4-tetrahydro-pyrido[2,3-*d*]pyrimidin-6-yl]acrylamide hydrochloride;
- 30 (*E*)-*N*-(2,3-Dimethoxy-benzyl)-*N*-methyl-3-(7-oxo-5,6,7,8-tetrahydro-[1,8]naphthyridin-3-yl)acrylamide;
- (*E*)-3-(6-Amino-5-morpholin-4-ylmethyl-pyridin-3-yl)-*N*-methyl-*N*-(1-methyl-1*H*-indol-3-ylmethyl)acrylamide;

- (*E*)-3-(6-Amino-pyridin-3-yl)-*N*-methyl-*N*-thieno[3,2-*c*]pyridin-2-ylmethyl-acrylamide;
- (*E*)-*N*-Methyl-3-(4-methyl-2-oxo-2,3,4,5-tetrahydro-1*H*-pyrido[2,3-*e*][1,4]diazepin-7-yl)-*N*-thieno[3,2-*c*]pyridin-2-ylmethyl-acrylamide;
- 5 (*E*)-*N*-Methyl-3-(7-oxo-5,6,7,8-tetrahydro-[1,8]naphthyridin-3-yl)-*N*-thieno[3,2-*c*]pyridin-2-ylmethyl-acrylamide;
- (*E*)-3-(6-Amino-pyridin-3-yl)-*N*-(2-ethoxy-3-methoxy-benzyl)-*N*-methyl-acrylamide hydrochloride;
- (*E*)-3-(6-Amino-pyridin-3-yl)-*N*-(2-propoxy-3-methoxy-benzyl)-*N*-methyl-
- 10 acrylamide hydrochloride;
- (*E*)-3-(6-amino-pyridin-3-yl)-*N*-(2-isopropoxy-3-methoxy-benzyl)-*N*-methyl-acrylamide hydrochloride;
- (*E*)-*N*-Acenaphthen-5-ylmethyl-3-(6-amino-pyridin-3-yl)-*N*-methyl-acrylamide hydrochloride;
- 15 (*E*)-*N*-(1*H*-Indol-5-ylmethyl)-*N*-methyl-3-(4-methyl-2-oxo-2,3,4,5-tetrahydro-1*H*-pyrido[2,3-*e*][1,4]diazepin-7-yl)-acrylamide;
- (*E*)-*N*-Methyl-*N*-(1-methylindol-5-ylmethyl)-3-(4-methyl-2-oxo-2,3,4,5-tetrahydro-1*H*-pyrido[2,3-*e*][1,4]diazepin-7-yl)-acrylamide;
- (*E*)-*N*-(1*H*-Indol-7-ylmethyl)-*N*-methyl-3-(4-methyl-2-oxo-2,3,4,5-tetrahydro-1*H*-
- 20 pyrido[2,3-*e*][1,4]diazepin-7-yl)-acrylamide;
- (*E*)-*N*-Methyl-*N*-(1-methylindol-7-ylmethyl)-3-(4-methyl-2-oxo-2,3,4,5-tetrahydro-1*H*-pyrido[2,3-*e*][1,4]diazepin-7-yl)-acrylamide;
- (*E*)-*N*-(1*H*-Indol-6-ylmethyl)-*N*-methyl-3-(4-methyl-2-oxo-2,3,4,5-tetrahydro-1*H*-pyrido[2,3-*e*][1,4]diazepin-7-yl)-acrylamide;
- 25 (*E*)-*N*-3-(6-Amino-pyridin-3-yl)-*N*-methyl-*N*-(2-methyl-benzofuran-3-ylmethyl)-acrylamide hydrochloride;
- (*E*)-3-(3,3-Dimethyl-2-oxo-2,3,4,5-tetrahydro-1*H*-pyrido[2,3-*e*][1,4]diazepin-7-yl)-*N*-methyl-*N*-(3-methyl-benzofuran-2-ylmethyl)acrylamide hydrochloride;
- (*E*)-*N*-Methyl-*N*-(3-methyl-1*H*-inden-2-ylmethyl)-3-(4-methyl-2-oxo-2,3,4,5-
- 30 tetrahydro-1*H*-pyrido[2,3-*e*][1,4]diazepin-7-yl)acrylamide hydrochloride;
- (*E*)-3-(6-{2-[Methyl-(3-methyl-benzo[*b*]thiophen-2-ylmethyl)carbamoyl]vinyl}-2-oxo-1,4-dihydro-2*H*-pyrido[2,3-*d*]pyrimidin-3-yl)propionic acid ethyl ester;

(*E*)-3-(6-amino-5-cyano-pyridin-3-yl)-*N*-methyl-*N*-(1-methyl-1*H*-indol-2-ylmethyl)-acrylamide hydrochloride; or

(*E*)-*N*-methyl-*N*-(1-methyl-1*H*-indol-2-ylmethyl)-3-(2-oxo-1,2,3,4-tetrahydro-pyrido-[2,3-*b*]pyrazin-7-yl)-acrylamide.

- 5 21. The compound of claim 1, wherein the compound inhibits FabI with a K_i of about 5 μ M or less, about 1 μ M or less, about 100 nM or less, about 10 nM or less, or about 1 nM or less.
22. The compound of claim 1, wherein the compound inhibits FabI with an IC_{50} of about 30 μ M or less, about 1 μ M or less, about 100 nM or less, or about 10 nM or less.
- 10 23. The compound of claim 1, wherein the compound inhibits FabI with an MIC of about 32 μ g/mL or less, about 16 μ g/mL or less, or about 8 μ g/mL or less, about 4 μ g/mL or less, about 2 μ g/mL or less, about 1 μ g/mL or less, about 0.5 μ g/mL or less, about 0.25 μ g/mL or less, or about 0.125 μ g/mL or less.
- 15 24. A pharmaceutical composition comprising a compound of claim 1 and a pharmaceutically acceptable carrier or excipient.
25. The composition of claim 24, wherein the composition is formulated for intravenous administration.
26. The composition of claim 24, wherein the composition is formulated for injectable administration.
- 20 27. The composition of claim 24, wherein the composition is formulated for topical application.
28. The composition of claim 24, wherein the composition is formulated as a suppository.
- 25 29. The composition of claim 24, wherein the composition is formulated for systemic administration.
30. The composition of claim 24, wherein the composition is formulated for oral administration.
31. The composition of claim 30, wherein the composition is formulated in tablets such that the amount of compound provided in 20 tablets, if taken together, provides a dose of at least the ED_{50} but no more than ten times the ED_{50} .
- 30

32. The composition of claim 24, wherein the composition is formulated for parenteral administration such that the amount of compound provided in 20 cc bolus injection provides a dose of at least the ED_{50} but no more than ten times the ED_{50} .
33. The composition of claim 24, wherein the composition is formulated for intravenous infusion such that the amount of compound provided in one liter of intravenous injectable solution provides a dose of at least the ED_{50} but no more than ten times the ED_{50} .
34. A pill for reducing bacterial levels in a subject with a bacteria related illness, comprising a compound of claim 1.
35. The pill of claim 34, wherein the pill provides effective bacterial treatment for at least about 8 hours.
36. The pill of claim 34, wherein the pill provides effective bacterial treatment for at least about 12 hours.
37. The pill of claim 34, wherein the pill provides effective bacterial treatment for at least about 24 hours.
38. The pill of claim 34, wherein the pill provides effective bacterial treatment for at least about one week.
39. A pack of pills in number sufficient for treatment of a bacterial illness, comprising a plurality of pills wherein each pill comprises a compound of claim 1.
40. The pack of pills of claim 39, wherein the pack contains at least 5 pills.
41. The pack of pills of claim 39, wherein the pack contains at least 10 pills.
42. The pack of pills of claim 39, wherein the pack contains at least 20 pills.
43. A method of treating a subject with a bacterial illness comprising administering to the subject the pharmaceutical composition of claim 24.
44. The method of claim 43, wherein the compound inhibits the Fab I activity of a microbe with an IC_{50} at least 1 order of magnitude lower than the IC_{50} for inhibiting enoyl CoA hydratase of a mammal.
45. The method of claim 44, wherein the mammal is a human.
46. The method of claim 43, wherein the compound inhibits the Fab I activity of a microbe with a K_i at least 1 order of magnitude lower than the K_i for inhibiting enoyl CoA hydratase of a mammal.
47. The method of claim 46, wherein the mammal is a human.

48. A method of disinfecting an inanimate surface comprising administering to the inanimate surface a compound of claim 1.
49. A kit comprising the pharmaceutical composition of claim 24 and instructions for use thereof.